



RAMA UNIVERSITY

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FACULTY OF ENGINEERING & TECHNOLOGY

MCS-043 Research Methodology

Lecture-03

Mr. Dilip Kumar J Saini

Assistant Professor

Computer Science & Engineering

➤ **NEED OF EDUCATIONAL RESEARCH**

➤ **RESEARCH PROCESS CYCLE**



NEED OF EDUCATIONAL RESEARCH

1. Education today is child centered. All round development of the personality of the child is one of the important goals of education. educational research is needed to solve various problems related to measurement, evaluation and development of personality of the child.

2. The meaning we give to education today is more vast and complex. It is a cluster of difficult trades, an aggregate of processes based on specific techniques and action with individuals and groups, that is organised, planned, controlled and evaluated. In order to solve the complexity of relationships and processes a considerable research in education is needed.

NEED OF EDUCATIONAL RESEARCH

3. Education is both science and art. As science it is based on theories, laws and principles and as art it is an activity and an application which requires skills and training. In order to make an effective application of the laws and principles and to provide training in skills and techniques educational research is needed. Educational research is of much significance to improve the art of teaching to make the students learn effectively.

4. The advancement that the material world has made has given rise to problems of terrorism, threats and clashes to the modern world. Education is a process of socialization which can meet the challenge of increasing contradiction and belligerency. A continuous research is needed to solve this complex social problem.

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NEED OF EDUCATIONAL RESEARCH

- 7) Educational research affects personality of the researcher. It teaches him 'how to solve problems to realize truth.' he is not liable to accept the findings of others unless he tests them.
- 8) It is needed to make education administration efficient and effective. It helps in decision making.
- 9) Educational research is needed for a teacher to improve his teaching, his methodology, his skills, his planning and to make him up to date in information and knowledge.



Multiple Choice Question

MUTIPLE CHOICE QUESTIONS:

1“ A system of systematically interrelated concepts definitions and propositions that are advanced to explain and predict phenomena” ... is

- a)Facts b) Values c) Theory d) Generalization

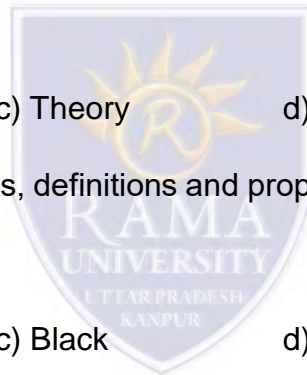
2.“ A system of systematically interrelated concepts, definitions and propositions that are advanced to explain and Predict phenomena” defined by

- a)Jack Gibbs b) PV Young c) Black d) Rose Arnold

3.Theory is “ a set of systematically related propositions specifying casual relationship among variables” is defined by

•Fact is “empirically verifiable observation” --- is defined by

- a)Good and Hatt b) Emory c) P.V. Young d) Claver



REFERENCES

1. Creswell, J.W. (2002) Educational Research. New Jersey: Upper Saddle River.
2. McMillan, J.H. and Schumacher, S. (2001) Research In Education. New York: Longman.
3. Best, J.W. and Kahn, J (1997) Research in Education (7th Ed) New Delhi: Prentice-Hall of India Ltd.

